## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	29	("5031073" "5196230" "5649160" "5684340" "6020614" "6040524" "6429752" "6429757" "6522214" "6529229" "20020100613" "20020108780" "20020148637" "20040009666").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 15:25
L2	8	("6353189" "6977348" "5046238" "6236572").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 14:57
L3	21	("5046238"   "5092032"   "5121299"   "5146674"   "5231751"   "5287619"   "5374469"   "5401913"   "5406459"   "5600103"   "5768108"   "6163957"   "6197407"   "6262376"   "6306511"   "6323439"   "6326561"   "6583364"   "6729022"   "6812412"   "6828669").PN. OR ("6977348"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 14:57
L4	21	("5048178"   "5457881"   "5736681"   "5737833"   "5949654"   "6010769").PN. OR ("6353189"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 15:07
L5	35	("3346950"   "3436819"   "3764436"   "4706167"   "5117069"   "5340947"   "5440075"   "5473120"   "5478972"   "5527999"   "5585157").PN. OR ("6010769"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 15:09
L6	32	("4361634"   "5150088"   "5185502"   "5278524"   "5677515"   "5719750"   "6072690").PN. OR ("6236572").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 15:19
L7	2	"20040124523".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 15:44
L8	2237	361/748,751,767.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 15:44

## **EAST Search History**

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L9	66	8 and (signal with (trace wir\$3 line path)) and (shield\$3) and (ground\$3 gnd (reference adj (plane layer))) and (via hole pillar throu\$hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 15:51
L10	10	("5455393").URPN.	USPAT	OR .	ON	2006/04/06 15:54
L11	385	"18" and ((ground gnd) near (plane layer)) and ((path line wir\$3 trace) near (ground gnd)) and ((via hole throu\$hole) near (ground gnd))	USPAT	OR	ON	2006/04/06 15:57
L12	6	8 and ((ground gnd) near (plane layer)) and ((path line wir\$3 trace) near (ground gnd)) and ((via hole throu\$hole) near (ground gnd))	USPAT	OR	ON	2006/04/06 16:01
L13	3132	361/777,778,794,795,808,816,818. ccls.	USPAT	OR	ON	2006/04/06 16:01
L14	2834	13 not 8	USPAT	OR	ON	2006/04/06 16:15
L15	54	14 and ((ground gnd) near (plane layer)) and ((path line wir\$3 trace) near (ground gnd)) and ((via hole throu\$hole) near (ground gnd))	USPAT	OR	ON	2006/04/06 16:15
L16	69	("4202007"   "4271588"   "4547834"   "4597029"   "4600970"   "4601526"   "4672152"   "4706165"   "4736276"   "4821142"   "4854038"   "4884170"   "4922377"   "4926241"   "4931134"   "4984132"   "5012047"   "5036431"   "5097393"   "5142448"   "5159530"   "5264729"   "5281151"   "5325268"   "5331514"   "5375042"   "5386341"   "5394303"   "5396034"   "5418689"   "5419038"   "5426563"   "5428190"   "5435733"   "5448020"   "5450290"   "5477933"   "5479110"   "5491612"   "5530288"   "5534666"   "5519749"   "5789815"   "5708568"   "5719749"   "5789815"   "5854534").PN. OR ("6239485"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 16:14
L17	6644	174/260-262,264,258,255.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 16:14
L18	3273	17 not (13 8)	USPAT	OR	ON	2006/04/06 16:15

## **EAST Search History**

L19	16	18 and ((ground gnd) near (plane layer)) and ((path line wir\$3 trace) near (ground gnd)) and ((via hole throu\$hole) near (ground gnd))	USPAT	OR	ON	2006/04/06 16:22
L20	62589	"333"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 16:21
L21	6491	20 and (shield\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 16:22
L22	34	21 and ((ground gnd) near (plane layer)) and ((path line wir\$3 trace) near (ground gnd)) and ((via hole throu\$hole) near (ground gnd))	USPAT	OR	ON	2006/04/06 16:22
L23	4	("5436412"   "6617943"   "6700457"   "6710258").PN. OR ("6992255"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON ·	2006/04/06 17:14
S1	2	"20050195585".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 14:45